Author Index to Volume 31

Amoros, C. *see* Bornette, G.
Arens, M.-F. *see* Pautou, G.

Barrat, M.-H. *see* Bornette, G.
Beers, C.E. *see* Culp, J.M.
Bergey, E. and Resh, V.H. Interactions between a stream caddisfly and the algae on its case: factors affecting algal quantity, 153
Blinn, D.W. *see* Shannon, J.P.
Bodergat, A.-M. *see* Marmonier, P.
Borg, C.K. *see* Strayer, D.L.
Bornette, G. *see* Cellot, B.
Bornette, G., Henry, C., Barrat, M.-H. and Amoros, C. Theoretical habitat templets, species traits, and species richness: aquatic macrophytes in the Upper Rhône River and its floodplain, 487
Bournaud, M. Theoretical habitat templets, species traits, and species richness: birds in the Upper Rhône River and its floodplain, 469
Burkhardt, S. Seasonal size variation in the predatory cladoceran *Bythotrephes cederstroemii* in Lake Michigan, 97
Butterwick, C. *see* Maberly, S.C.

Cairns, J. *see* McCormick, P.V.
Carlough, L.A. Origins, structure and trophic significance of amorphous seston in a blackwater river, 227
Cellot, B., Dole-Oliver, M.J., Bornette, G. and Pautou, G. Temporal and spatial environmental variability in the Upper Rhône River and its floodplain, 311
Chessel, D. *see* Chevenet, F.
Chessel, D. *see* Dolédec, S.
Chevenet, F., Dolédec, S. and Chessel, D. A fuzzy coding approach for the analysis of long-term ecological data, 295
Coesel, P.F.M. and Wardenaar, K. Light-limited growth and photosynthetic characteristics of two planktonic desmid species, 221
Collier, K. Influence of nymphal size, sex and morphotype on microdistribution of *Deleatidium* (Ephemeroptera: Leptophebiidae) in a New Zealand river, 35
Corry, J.E. *see* Maberly, S.C.
Culp, J.M., Scrimgeour, G.J. and Beers, C.E. The effect of sample duration on the quantification of stream drift, 165

Dole-Oliver, M.J. *see* Cellot, B.
Dolédec, S. *see* Chevenet, F.
Dolédec, S. and Chessel, D. Co-inertia analysis: an alternative method for studying species–environment relationships, 277
Dolédec, S. and Statzner, B. Theoretical habitat templets, species traits, and species richness: 548 plant and animal species in the Upper Rhône River and its floodplain, 523
Dolédec, S. *see* Marmonier, P.

Feifarek, B. *see* Flecker, A.S.
Flecker, A.S. and Feifarek, B. Disturbance and the temporal variability of invertebrate assemblages in two Andean streams, 131

Geertz-Hansen, O. *see* Sand-Jensen, K.

Happey-Wood, C.M. and Lund, A.H. Production of new organic carbon and its distribution between autotrophic picoplankton, bacteria, extracellular organic carbon and phytoplankton in an upland lake, 1
Hart, R.C. and Santer, B. Nutritional suitability of some uni-algal diets for freshwater calanoids: unexpected inadequacies of commonly used edible greens and others, 109
Heaney, S.I. *see* Maberly, S.C.
Henry, C. *see* Bornette, G.
Hildrew, A.G. *see* Resh, V.H.
Hildrew, A.G. *see* Townsend, C.R.
Hunter, D.C. *see* Strayer, D.L.
Hurley, M.A. *see* Maberly, S.C.

Irish, A.E. *see* Maberly, S.C.

Jacobsen, D. and Sand-Jensen, K. Invertebrate herbivory on the submerged macrophyte *Potamogeton perfoliatus* in a Danish stream, 43
Jaworski, G.H.M. *see* Maberly, S.C.
Joly, P. and Morand, A. Theoretical habitat templets, species traits, and species richness: amphibians in the Upper Rhône River and its floodplain, 455
Juget, J. and Lafont, M. Theoretical habitat templets, species traits, and species richness: aquatic oligochaetes in the Upper Rhône River and its floodplain, 327

Kok, C.J. and van der Velde, G. Decomposition and macroinvertebrate colonization of aquatic and terrestrial leaf material in alkaline and acid still water, 65
Ksander, G.G. *see* Spencer, D.F.

Lafont, M. *see* Juget, J.
Louie, D. *see* McCormick, P.V.
Lund, A.H. *see* Happey-Wood, C.M.
Lund, J.W.G. *see* Maberly, S.C.

MABERLY, S.C., HURLEY, M.A., BUTTERWICK, C., CORRY, J.E., HEANEY, S.I., IRISH, A.E., JAWORSKI, G.H.M., LUND, J.W.G., REYNOLDS, C.S. AND ROSCOE, J.V. The rise and fall of *Asterionella formosa* in the South Basin of Lake Windermere: analysis of a 45-year series of data, 19
MAIER, G. Patterns of life history among cyclopoid copepods of central Europe, 77
MARMONIER, P., BODERGAT, A.-M. AND DOLÉDEC, S. Theoretical habitat templets, species traits, and species richness: ostracods (Crustacea) in the Upper Rhône River and its floodplain, 341
MCCORMICK, P.V., LOUIE, D. AND CAIRNS, J., JR. Longitudinal effects of herbivory on lotic periphyton assemblages, 201
MORAND, A. *see* JOLY, P.

OLIVER, J.-M. *see* PERSAT, H.

PAUTOU, G. *see* CELLOT, B.
PAUTOU, G. AND ARENS, M.-F. Theoretical habitat templets, species traits, and species richness: floodplain vegetation in the Upper Rhône River, 507
PEDERSEN, O. *see* SAND-JENSEN, K.
PERSAT, H., OLIVER, J.-M. AND PONT, D. Theoretical habitat templets, species traits, and species richness: fish in the Upper Rhône River and its floodplain, 439
PONT, D. *see* PERSAT, H.
PRISCU, J.C. *see* WANG, L.

RESH, V.H. *see* BERGEY, E.
RESH, V.H. *see* STATZNER, B.
RESH, V.H., HILDREW, A.G., STATZNER, B. AND TOWNSEND, C.R. Theoretical habitat templets, species traits, and species richness: a synthesis of long-term research on the Upper Rhône River in the context of concurrently developed ecological theory, 539
REYNOLDS, C.S. *see* MABERLY, S.C.
RICHOUX, P. Theoretical habitat templets, species traits, and species richness: aquatic Coleoptera in the Upper Rhône River and its floodplain, 377
ROSCOE, J.V. *see* MABERLY, S.C.
ROUX, C. *see* TACHET, H.
ROUX, L. *see* STATZNER, B.

SAND-JENSEN, K. *see* JACOBSEN, D.
SAND-JENSEN, K., GEERTZ-HANSEN, O., PEDERSEN, O. AND SKOVGAARD, H. Size dependence of composition, photosynthesis and growth in the colony-forming freshwater ciliate, *Ophrydium versatile*, 121
SANTER, B. *see* HART, R.C.
SCHABETSBERGER, R. Gastric evacuation rates of adult and larval alpine newts (*Triturus alpestris*) under laboratory and field conditions, 143
SCRIMGEOUR, G.J. *see* CULP, J.M.
SHANNON, J.P., BLINN, D.W. AND STEVENS, L.E. Trophic interactions and benthic animal community structure in the Colorado River, Arizona, U.S.A., 213
SKOVGAARD, H. *see* SAND-JENSEN, K.
SMITH, L.C. *see* STRAYER, D.L.
SPENCER, D.F., KSANDER, G.G. AND WHITEHAND, L.C. Estimating the abundance of subterranean propagules of submersed aquatic plants, 191
STATZNER, B. *see* DOLÉDEC, S.
STATZNER, B. *see* RESH, V.H.
STATZNER, B., RESH, V.H. AND ROUX, L. The synthesis of long-term ecological research in the context of concurrently developed ecological theory: design of a research strategy for the Upper Rhône River and its floodplain, 253
STEINMAN, A.D. The influence of phosphorus enrichment on lotic bryophytes, 53
STEVENS, L.E. *see* SHANNON, J.P.
STRAYER, D.L., HUNTER, D.C., SMITH, L.C. AND BORG, C.K. Distribution, abundance and roles of freshwater clams (Bivalvia, Unionidae) in the freshwater tidal Hudson River, 239

TACHET, H. *see* USSEGLIO-POLATERA, P.
TACHET, H., USSEGLIO-POLATERA, P. AND ROUX, C. Theoretical habitat templets, species traits, and species richness: Trichoptera in the Upper Rhône River and its floodplain, 397
THIER, E. Allozyme variation among natural populations of *Holopedium gibberum* (Crustacea; Cladocera), 87
TOWNSEND, C.R. *see* RESH, V.H.
TOWNSEND, C.R. AND HILDREW, A.G. Species traits in relation to a habitat templet for river systems, 265

USSEGLIO-POLATERA, P. *see* TACHET, H.
USSEGLIO-POLATERA, P. AND TACHET, H. Theoretical habitat templets, species traits, and species richness: Plecoptera and Ephemeroptera in the Upper Rhône River and its floodplain, 357
USSEGLIO-POLATERA, P. Theoretical habitat templets, species traits, and species richness: aquatic insects in the Upper Rhône River and its floodplain, 417

VAN DER VELDE, G. *see* KOK, C.J.

WANG, L. AND PRISCU, J.C. Influence of phytoplankton on the response of bacterioplankton growth to nutrient enrichment, 183
WARDENAAR, K. *see* COESEL, P.F.M.
WATALA, C. *see* WATALA, K.B.
WATALA, K.B. AND WATALA, C. A photometric technique for the measurement of plant surface area: the adsorption of Brilliant Blue dye on to plant surfaces, 175
WHITEHAND, L.C. *see* SPENCER, D.F.